

What is claimed is:

1. A connector suitable for use with a plurality of containers, said connector comprising:

10 a first segment capable of connecting a container having a mouth having a relatively large diameter;

a second segment capable of connecting a container having a mouth having a relatively intermediate diameter; and

15 a third segment capable of connecting a container having a mouth having a relatively small diameter.

2. The connector of claim 1, wherein at least a portion of each of said first segment, said second segment, and said third segment is cylindrical in shape.

20 3. The connector of claim 1, wherein each of said first segment, said second segment, and said third segment has an orifice that is substantially circular in shape.

25 4. The connector of claim 1, wherein the diameter of said orifice of said first segment is greater than the diameter of said orifice of said second segment.

5. The connector of claim 1, wherein the diameter of said orifice of said second segment is greater than the diameter of said orifice of said third segment.

30 6. The connector of claim 1, wherein said first segment has means thereon for joining said connector to the neck of a container.

7. The connector of claim 6, wherein said means for joining said connector to the neck of a container comprises at least one thread.

5 8. The connector of claim 1, wherein said second segment has means thereon for joining said connector to the neck of a container.

9. The connector of claim 8, wherein said means for joining said connector to the neck of a container comprises a ring.

10 10. The connector of claim 1, wherein said third segment has means thereon for joining said connector to a container.

15 11. The connector of claim 10, wherein said means for joining said connector to the neck of a container comprises at least one thread.

12. The connector of claim 1, wherein said third segment has a base and spike projecting from said base.

20 13. The connector of claim 12, wherein said spike includes a weakened portion, whereby said spike can be removed from said connector.

14. The connector of claim 1, wherein said third segment contains at least one outlet for residual liquid, from which outlet residue from said third segment can flow.

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